

JOHN DEERE



ENGINE: 3179D

Naturally Aspirated

BORE: 4.1929" 3 Cyl Diesel NOTES: .375" Valve Stem Diameter, 1.375" Piston Pin, 7.720" OAL Liners

APPLICATION: Crawlers: 350D, 355D; Power Units: 3179D (Saran);

TO-Dubuque Engine Tractors: 940(E), 1040(E), 1140(E), 1550(E), 1630(E), 1750(E), 1850(E), 1850N(E);

CD-Saran Engine Tractors: 2040 After 349999; 2150, 2155, 2240, 2255;

	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT					
	1	954215	In-Frame Kit (High Ring)						I
	1	954256	In-Frame Kit (Low Ring)						I
	1	955215	Out-of-Frame Kit (High Ring)				O		
	1	955256	Out-of-Frame Kit (Low Ring)				O		
	1	956215	Major Kit (High Ring)			M			
	1	956256	Major Kit (Low Ring)			M			
	3	151633	Sleeve & Piston Assembly (High Ring)			M		O	I
	3	151634	Sleeve & Piston Assembly (Low Ring)			M		O	I
	3	151635	Piston Assembly						
	3	151636	Piston Assembly (Low Ring Option)						
	3	151412	Liner Assembly (7.720" OAL) (1)						
	3	151115	Liner O-Ring Package						
	3	151639	Block Repair Sleeve, Lower Liner Pilot Bore (.870" OAL)						
	3	151116	Piston Ring Set (1-1/8K 1-3/32 1-3.5MM)						
	3	251111	STD Rod Bearing		M	M	O	O	I
	3	251112	.010 Rod Bearing						
	3	251113	.020 Rod Bearing						
	3	251114	.030 Rod Bearing						
	1	251262	STD Main Bearing Set		M	M	O	O	I
	1	251263	.010 Main Bearing Set						
	1	251264	.020 Main Bearing Set						
	1	251265	.030 Main Bearing Set						
	1	351673	Head Gasket Set						I
	1	351123	Head Gasket						I
	1	351148	Valve Cover Gasket, w/Metal Cover (SEMR) (2)						
	1	351124	Valve Cover Gasket, w/Composite Cover (O-Ring) (3)						
	6	351161	Valve Seal (O-Ring)						
	6	351682	Valve Seal, Late Stepped Guide (Positive Type Viton) (3)						
	1	351674	Full Gasket Set w/Lip Seals						
	1	351675	Overhaul Gasket Set wo/Seals		M	M	O	O	
	1	351147	Lower Gasket Set w/Lip Seals						
	1	351259	Crankcase Gasket Set wo/Seals						
	1	351329	Block Gasket Set						
	1	351684	Timing Cover Gasket, w/Composite Cover (O-Ring) (3)						
	1	351126	Pan Gasket (Sheet Metal Pan)						
	1	351127	Pan Gasket (Cast or Aluminum Pan)						
	1	351311	Pan Gasket Set (2-Gaskets, 2-O-Rings, 1-D-Ring)						I
	1	351128	Front Crank Seal		M	M	O	O	
	1	351154	Front Crank Spacer Assembly, Late Engines Only						
	1	351228	Front Crank Seal Kit (Includes Wear Sleeve)						
	1	351129	Rear Crank Seal Kit		M	M	O	O	
	3	251563	Pin Bushing (Boreable / 1.375" Pin)		M	M			
	3	251564	Pin Bushing (Honeable / 1.375" Pin)						
	6	751168	Rod Bolt: Rods Marked R51727 (2.125" Length)						
	6	751128	Rod Bolt: Rods Marked R80034 (2.375" Length)		M	M	O	O	I
	14	751329	Head Bolt, Early (1/2 x 4.250") "Use w/751327 Washers"						
	14	751129	Head Bolt, Late (4.410" Flanged Head)						

(1)Liner Shims: .002 - 151637 / .004 - 151638

(2)Special Valve Cover Screw - 751256

(3)Not Included In Gasket Sets Or Kits

JD-179-D

5/29/2006

CLICK THE ITEM # TO VIEW OR PURCHASE PART

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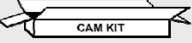
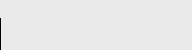
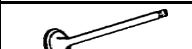
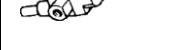
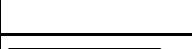
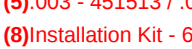
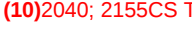
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	QTY	ITEM #	DESCRIPTION	LETTERED ITEMS INCLUDED IN KIT				
	1	959511	Camshaft Kit					C
	1	959327	Basic Valve Kit				B	
	1	959127	Valve Train Kit			V		
	1	551134	Camshaft "Use w/Screw-In Tach Drive (4)"					C
	6	551113	Tappet					C
	3	451221	STD Exhaust Valve (45°) (5)		V		B	
	3	451222	STD Intake Valve (45°) (6)		V		B	
	6	401149	Ex/In Service Repair Valve Guide (.564 OD / 2.750" OAL) (7)					
	6	451115	Valve Spring		V		B	
	6	451187	Rotator "Will Replace 451411 Spring Retainer"		V			
	6	451198	Valve Wear Cap					
	12	451164	Keeper (Half)		V		B	
	3	451519	Exhaust Seat, OEM Dubuque (1.410 x 1.638 x .219 x 45°)					
	3	451535	Exhaust Seat, OEM Saran (1.410 x 1.640 x .218 x 45°)					
	3	401186	Exhaust Seat, STD Cutter (1.375 x 1.687 x .219 x 45°)					
	3	451527	Intake Seat, OEM Dubuque (1.584 x 1.858 x .208 x 45°)					
	3	451536	Intake Seat, OEM Saran (1.608 x 1.860 x .219 x 45°)					
	3	401168	Intake Seat, STD Cutter (1.625 x 1.875 x .219 x 45°)					
	6	451124	Rocker Arm					
	1	451125	Rocker Arm Shaft					
	2	451165	Rocker Arm Shaft Plug (.464")					
	1	551137	Cam Gear (48 Teeth)					
	1	551138	Crank Gear (24 Teeth)					
	1	551139	Upper Idler Gear (55 Teeth / 23 Notches) "Bushing - 551142"					
	1	551141	Lower Idler Gear (45 Teeth) "Bushing - 551143 (.750" Wide)"					
	6	551342	Push Rod					
	1	651128	New Oil Pump "May Need 651132 Outlet Tube"					
	1	651131	Oil Pump Kit (1.625" Gears)					
	1	651133	Oil Pump Inlet Screen: Except 3179D, 1630, 2155					
	1	651151	Oil Cooler, Early (10 Plate Doughnut Type) (8)					
	1	651114	Oil Cooler, Late (6 Plate Doughnut Type)					
	1	751111	Crankshaft, Early (Short 35MM Nose)					
	1	751339	Crankshaft, Late (Long 60MM Nose)					
	3	751336	Connecting Rod (1.375" Pin)					
	1	851188	Fuel Pump (Threaded Ports) "Pump w/Hose Barbs - 851336"					
	1	851163	Thermostat, Non-Bypass Non-Vented Type (180°)					
	1	851333	Thermostat, Bypass Type (180°)					
			(9) New Water Pumps					
			(10) Water Pump Kits					

(4)Late Screw-In Tach Drive: Shaft Type - 551136 / Gear Type (.541 Gear Length) - 551146 / Gear Type (.711 Gear Length) - 551147

(5).003 - 451513 / .015 - 451514 / .030 - 451515 (6).003 - 451516 / .015 - 451517 / .030 - 451518 (7)Spiral ID - 401189 (.502 OD)

(8)Installation Kit - 651252

(9)2240 Thru 349999 - 851317 / 350D, 355D - 851318 / 3179D Code 2004; 1630 - 851331

(9)3179D Codes 2005,2018; 940,1040,1140; Early 1550,1750,1850; 2040,2150; 2155CS Thru 751023; 2155TSS Thru 743474 - 851334

(9)2240 After 349999; 2255 - 851334 / Mid 1750,1850; 2155CS Aft 751023; 2155TSS Aft 743474 - 851337 / Late 1750,1850 - 851338

(10)350D, 355D, 2150, 2255 - 851192 / 3179D Code 2004, 2011, 2014, 2019, 2032, 2033; Late 1550; 1630 - 851321

(10)2155CS After 751023; 2155TSS After 743474; 2240 Thru 349999 - 851321 / 940, 1040, 1140; Early 1550; 1750, 1850 - 851335

(10)2040; 2155CS Thru 751023; 2155TSS Thru 743474; 2240 After 349999 - 851335 / 3179D Codes 2005, 2018 - 851352